



## PRESS RELEASE

### **FOR IMMEDIATE RELEASE**

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### **NEW PRODUCT INTRODUCTION**

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## UNITRON'S New EXAMET-4 Microscope Series

**Commack, NY:** UNITRON Ltd. is pleased to announce the introduction of its new EXAMET-4 Series of microscopes. This all-new design of the EXAMET microscope is an industrial metallurgical microscope designed for production lines, material science applications, metal manufacturing, metallurgy, and a variety of other samples.

The advanced Semi-Apochromatic M Infinity Plan Optics, ergonomic design, and digital capabilities make the EXAMET-4 Series an outstanding and cost effective choice for today's modern metallurgist. The EXAMET-4 Series is available with either reflected illumination or reflected and transmitted illumination.

### **Standard features include:**

- 360° rotatable viewing head with 30° incline
- Trinocular viewing head with 20/80 split (light distribution 100% binocular, binocular/trinocular 20%/80%)
- WF Plan 10x eyepieces with 22mm field of view
- Interpupillary distance adjustment range of 54mm – 75mm
- Reversed quintuple nosepiece
- Long working distance M Infinity Plan Achromat 5x, 10x and 20x objectives
- Long working distance M Infinity Semi-Plan Apochromat 50x objective
- Low position coaxial focusing system with tension adjustment
- Mechanical Stage: 175mm x 145mm with a 76mm (X) x 42mm (Y) movement range
- On Reflected models, specimens of a height of up to 50mm can be observed
- On Reflected/Transmitted models, specimens of a height of up to 30mm can be observed
- 3 watt variable LED reflected illuminator with field and aperture diaphragm; Reflected/Transmitted models are equipped with a 12 volt 50 watt halogen transmitted illuminator with field diaphragm
- Universal power supply (90v – 240v)
- **Optional accessories include:** digital cameras and adapters; M Infinity Semi-Plan Apochromat 100xR objective; Plan 15x/16mm or WF 20x/12mm eyepieces; Polarizer/Analyzer; yellow, blue, green, red, or neutral density filters; reticles and stage micrometers

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UNITRON specializes in high quality, precision instruments for industrial, clinical, life science, research and educational applications. Since 1952 UNITRON's microscopes and related optical accessories have been consistently used and trusted worldwide in companies such as Intel, BAE Systems, ITT, GE, Williams Co., DuPont, Boeing, 3M, Alcoa, MIT, Raytheon, Sony, Texas Instruments, iRobot, Northrop Grumman, United Technologies, and the Mayo Clinic. Manufactured and assembled to the strictest quality standards, our products are available exclusively through a nationwide network of authorized distributors.



Reflected/Transmitted Model With Digital Camera



Reflected Model

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